

ABSTRACT OF THE DISCLOSURE

A semiconductor integrated circuit device includes
a programmable circuit in which information is
programmed, an information holding circuit which
5 electrically holds information programmed in the
programmable circuit, a compression circuit which
compresses information held in the information holding
circuit, an information output circuit which outputs
expected value information, and a detection circuit
10 which checks whether information held in the
information holding circuit is destroyed or not. The
detecting circuit compares expected value information
of the information output circuit with compression
information of the information compression circuit to
15 check destruction of information held in the
information holding circuit.